

Transition to renewable energy in agriculture; the role of SME:s, universities and government bodies - lessons from a regional project in Gävleborg, Sweden

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Project duration and budget

12/2019 - 8/2023

8 million SEK

Aim

To strengthen the establishment and expansion of biogas production at the SMEs in the region by networking and creating a knowledge base



Overview of biogas plant in Vårgårda-Herrljunga Biogas AB in Vårgårda, Sweden



Overview of a local society with biogas developed, symbolizing the key concepts of the project. Drawing: Åke Wall.

Collaboration with local biogas stakeholders to jointly develop sustainable solutions, fostering technological development, good financial turn-out, improved fossil-free residual products and enhanced social interaction

Visits to local SMEs, to analyze the status of regional resources, local know-how and attitudes for biogas production, as well as and the need for intellectual and practical support



Project activities and results

- 13 field trips for interviews with biogas producers in the region
- 10 competence development meetings with target group
- 3 study visits to leading biogas companies outside the region, 'Role models'
- 2 workshops with Swedish biogas experts and politicians at different levels
- 5 approved applications to *Klimatklivet* (funding) for regional biogas, in collaboration with the County Administrative Board
- 1 map, visualizing regional potential for biogas production in local clusters
- 1 computer model, adapted for the biogas technology that is present in the region
- 1 report, risk analysis of biofertilizer from anaerobic digestion vs composting